The state of the s

The true that the

	DECLAR			Attorney Docket Number	20832Y
	POWER O FOR UTILIT			First Named Inventor	Christopher F. Claiborne, et al.
	PATENT A			C	OMPLETE IF KNOWN
	(37 CI	FR 1.6	i3)	Application Number	
X	Declaration Submitted		Declaration Submitted after Initial	Filing Date	
	with Initial OR Filing		Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit	
			required)	Examiner Name	

My residence, post office add	iress, and citi	zenship are a	s stated below next to my nar	ne.	
I believe I am the original, fir	rst and sole in	Ventor (if on	ly one name is listed below.	or an original, first and joint in a patent is sought on the inventi	ventor (if
N-SUBSTITUTED NONARY	L-HETEROC	YCLIC NME	A/NR2B ANTAGONISTS		ion enutied:
·					
		-	(Title of the Invention)		
the specification of which is attached hereto					
OR					
was filed on (MM/DD/Y	YYY)		as United States Applic	cation Number or PCT Internati	ional
Application Number		and was a	mended on (MM/DD/YYYY)		pplicable).
I hereby state that I have revie	wed and unde	rstand the co	Miante of the characteristics	d specification, including the cl	aims, as
	p	careca to above	·¢.		
I acknowledge the duty to disc as defined in 37 CFR 1.56.	lose to the Pa	tent and Trac	demark Office all information	known to me to be material to	patentability
Therefore Patrick					
America, listed below and have certificate, or of any PCT inter	e also identific	a apprication	119(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreig g a filing date before that of t	oreign application(s) for patent ne country other than the United n application for patent or inve the application on which priorit	d States of
America, listed below and have	e also identific	ed below, by cation having	119(a)-(d) or 365(b) of any for which designated at least or	ie country other than the United	d States of intor's y is claimed.
America, listed below and have certificate, or of any PCT inter Prior Foreign Application	e also identific national appli	ed below, by cation having	119(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreigg a filing date before that of the control of the	ne country other than the United in application for patent or invested the application on which priorit	d States of entor's y is claimed. Priority Claimed?
America, listed below and have certificate, or of any PCT inter Prior Foreign Application	e also identific national appli	ed below, by cation having	119(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreigg a filing date before that of the control of the	ne country other than the United in application for patent or invested the application on which priorit	d States of entor's y is claimed. Priority Claimed?
America, listed below and have certificate, or of any PCT inter Prior Foreign Application	e also identific national appli	ed below, by cation having	119(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreigg a filing date before that of the control of the	ne country other than the United in application for patent or invested the application on which priorit	d States of entor's y is claimed. Priority Claimed?
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s)	e also identific national appli Coun	ed below, by cation having	119(a)-(d) or 365(b) of any for which designated at least or checking the box, any foreigg a filing date before that of the Foreign Filing Date (MM/DD/YYYY)	na country other than the United in application for patent or investee application on which priorit Attorney Docket Number	d States of entor's y is claimed. Priority Claimed?
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s) Additional foreign application	e also identific national appli Coun	ed below, by cation having try	119(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreigg a filing date before that of the strength of the	ac country other than the United in application for patent or investe application on which priorit Attorney Docket Number SB/02B attached hereto:	d States of entor's y is claimed. Priority Claimed?
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s) Additional foreign application	e also identific national appli Coun	ed below, by cation having try	119(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreigg a filing date before that of the strength of the	ac country other than the United in application for patent or investe application on which priorit Attorney Docket Number SB/02B attached hereto:	d States of entor's y is claimed. Priority Claimed?
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s) Additional foreign application I hereby claim the benefit under 35 I	e also identific national appli Count numbers are li	ed below, by cation having try	119(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreigg a filing date before that of the series of the se	ac country other than the United in application for patent or investe application on which priorit Attorney Docket Number SB/02B attached hereto:	d States of entor's y is claimed. Priority Claimed? YES NO
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s) Additional foreign application	e also identific national appli Count numbers are li	ed below, by cation having try	a 19(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreign a filing date before that of the company of the	SB/02B attached hereto: Attorney Docket Number	d States of entor's y is claimed. Priority Claimed? YES NO
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s) Additional foreign application I hereby claim the benefit under 35 I	e also identific national appli Count numbers are li	ed below, by cation having try	a 19(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreign a filing date before that of the company of the	ac country other than the United in application for patent or investe application on which priorit Attorney Docket Number SB/02B attached hereto:	d States of entor's y is claimed. Priority Claimed? YES NO
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s) Additional foreign application I hereby claim the benefit under 35 I	e also identific national appli Count numbers are li	ed below, by cation having try	a 19(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreign a filing date before that of the company of the	SB/02B attached hereto: Attorney Docket Number	d States of entor's y is claimed. Priority Claimed? YES NO
America, listed below and have certificate, or of any PCT inter Prior Foreign Application Number(s) Additional foreign application I hereby claim the benefit under 35 I	e also identific national appli Count numbers are li	ed below, by cation having try	a 19(a)-(d) or 365(b) of any for a which designated at least or checking the box, any foreign a filing date before that of the company of the	SB/02B attached hereto: Attorney Docket Number	d States of entor's y is claimed. Priority Claimed? YES NO

in a

dual their trait that H H Here to the

tring reger count dans dans gant

Approved for use through 9/30/2000. OMB 651-0032 SUBSTITUTE for PTO/SB/01 (12-97), DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

									-	_		A &	
is not disc 35 U.S.C. 37 CFR 1.	losed in the 112, I acknow 56 which be application	prior U owledge ecame a	nited States the duty to vailable be	or PCT disclose	internation	nsorar as u al application	on i	n the man	ner provi	ch of thick	the firs	cernational ay is of this app it paragraph defined in l'internation	lication of
	U-S. Parent	Applicati plication	on or PCT Pa	rent				iling Date		-	Pare	ot Patent Numi	ner .
		Antes 1501	Mannet			(M)	MVD1	D/YYYY)				(if applicable)	
			· · · · · · · · · · · · · · · · · · ·										
·				_									
											-		
Additio	nal U.S. or P	CT inten	tational anni	Cation nur	nhers are lies	4d en e euss	<u> </u>					attached herete	
As a named	inventor. I hei	rehv ann	Mint menanti										0.
connected th	gistered practi crewith:	tioner(s)	to prosecute	this appli	ication and to	transact all	bus	iness in the	Patent ar	d Trade	mark Of	ion and revoca ffice	tion, the
			Customer:	_		_	_					mer Number	-
		X	OR Registered				_			Bar	Code L	mer Number abel here	
-		4.	Negstatu		er(s) name/re	gistration n	umb	er listed be	low	<u> </u>			
•	Name				umber				Varme				stration mber
Shu Muk Lee				1,147		David	L. F	Rose				26,332	ALIE/LE
· .		-									****		
	<u>.</u>												
Direct all con	rrespondence	c to: 🛚	Custom	r Numbe	or Bar Co	de Label		000	210		· · · · · ·		
lame	Shu Muk L	ee				··			<u> </u>				·
.ddress	Merck & Co	o., Inc.	Patent De	partment	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					•	·	
ddress	P.O. Box 20	000, R	Y60-30										
ity	Rahway				-	State	NJ		ZIP		07065-	0907	
	USA				ephone (7				Fax		(732)59	94-1540	
I hereby declibelief are belief the like so may jeopardiame of Sole or	ade are punis	shable to	y fine or in	in a lese si	ent or both	under 19	ruc vith U.S	and that a the know i.C. 1001	all statem ledge that and that	ents manual willfusuch wi	ade on i il false s illful fal	nformation a statements ar se statement	and od s
						A pe	titio	n has been	n filed fo	r this w	nsigned	inventor	
ristopher F,	en Name (1	ursi an	<u>a middle [</u>	if any])				Fa	mily Na	ime or	Surna	me .	
ventor's						Claiborn	¢				<u> </u>		
gnature sidence:	 						,		Date				ļ
ty	Cambridge	3		State	MA	Count	ry	US		Citize	nship	บร	
st Office dress	Merc	k & Co.	, Inc., P.O.	Box 200	00	1							
у	Rahw	ay		_		State	\\		ZIP		07065	-0907	
Additional in	ventors are be	ing nam	ed on the	suppl	emental Add	itional Inven	<u> </u>	(A) where (A)					

[Page 2 of 5]

Please type a plus sign (+) inside this box

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

		·													
	Same of Additional Joint Inventor, if any: Given Name (first and middle [if any])								A petition has been filed for this unsigned inventor Family Name or Surname						
Gi	ven N	<u> Jame (first and middle</u>	(if any	<u>/l)</u>						Family	Na	me or Surn	ame		
John W.							Butch	er							•
Inventor's Signature		Som W/	uto	t	7		!			Dat	e	Felms	/2	20	02
Residence: City	T e	lford	Sta	te	PA	•	Cot	untry	us			Citizenshij	,,,		
Post Office Address	<u>/</u>	Merck & Co., Inc., P.	O. Box	200	00				-				l <u>-</u>		7.=
City		Rahway				s	tate	NJ		ZIP		07065-09	07		·
<u> </u>		foint Inventor, if any:					A	petit	ion has	been file	d fo	this unsigne	d inven	tor	
Gi	ven N	ame (first and middle	[if any	1)						Family	Nai	me or Surna	me		
David A.		Claren	non												
Inventor's Signature	R	and AC		···					·	Date		Fohr			
Residence: City	Residence: Manle Clare						Cou	ntry	บร	_ 	1	<i>Febru</i> Citizenship	US	7/2	<u> 200 2</u>
Post Office Address		Merck & Co., Inc., P.(). Box 2	2000)		·								
City	i	Rahway			•	St	ate	NJ		ZIP		07065-090	7		
Name of Additio	nal Jo	oint Inventor, if any:				E	A petition has been filed for this unsigned inventor								
Giv	en Na	me (first and middle [if any]	$\overline{\mathbb{L}}$						Family N	Van	ne or Surnar	חר		
Brian E.						I	Libby								
inventor's Signature							······			Date				-	
Residence: City	Nob	lesville	State	. 1	IN		Cour	itry	US	•	C	itizenship	US		
Post Office Address		Merck & Co., Inc., P.O	Box 20)00			<u> </u>								
City		Rahway				Sta	ite	NJ		ZIP		07065-0907	,		
		int Inventor, if any:					Ap	etitio	n has bo	en filed	for t	this unsigned	invento		
	n Nar	ne (first and middle [i	f any])			I			F	amily N	апр	e or Surnan	ie	-	
ligel J.						L	iverton			,					
ignature NigelThu						Date 12th Feb. 2002									
esidence: Hartcysville State PA							Coun	ry t	JS	1	1	itizenship			
ost Office ddress	N	Merck & Co., Inc., P.O.	Box 200	00											
ity	y Rahway						State NJ ZIP 07065-0907					\dashv			
											1				

mon in the fact of the state that he

II.

And the second

The state of the s

ADDITIONAL INVENTOR(S) Supplemental Sheet

		·	-T-									
Name of Additi	ional J	Joint Inventor, if any:			A petition has been filed for this unsigned inventor							
Gi	ven N	ame (first and middle	[if any])		<u> </u>			Family	Name or Surname		
Peter M.		···				Muns	on					
Inventor's Signature		Pete m. M	uns	~					Date	12/	6.02	
Residence: City	Ha	deysville		e PA		Cou	ntry	US		Citizenship U	s	
Post Office Address		Merck & Co., Inc., P.C). Box 2	000						 		
City	_	Rahway			s	tate	נא	•	ZIP	07065-0907		
		oint Inventor, if any:			[A	pctiti	ion has	been filed	for this unsigned in	ventor	
	en Na	ame (first and middle [if any])		\Box				Family 1	Name or Surname		
Kevin T.	,		,			Nguye	a					
Inventor's Signature		Kenny	ffgu	uen			•		Date	12 Feb.	2002	
Residence: City	Phil	adelphia	State	PA		Cou	atry	us		Citizenship US		
Post Office Address		Merck & Co., Inc., P.O.	Box 20	00								
City		Rahway			St	ate	NJ		ZIP	07065-0907		
		int Inventor, if any:] A:	etitic	on has t	occu filed	for this unsigned inv	rentor	
	n Na	me (first and middle [is	fany])		\Box				Family N	ame or Surname		
Brian		- 39			F	hillips						
Inventor's Signature	1	3×1hllin							Date	Tub 12,2	2007	
Residence:	Telfo		State	PA	Ì	Coun	try	us	 .	Citizenship US		
Post Office Address	1	Merck & Co., Inc., P.O.	Box 200	10						·		
City	I	Rahway			Sta	te]	נא		ZIP	07065-0907		
		nt Inventor, if any:				Ap	etitio	has be	co filed fo	or this unsigned inve	entor	
	Nar	ne (first and middle [if	any])		\perp			F	amily Na	me or Surname		
	ayne						מפ					
ignature	h	lagre Thom	rsa			-			Date	Februar 1	2 2022	
ILY	ty Landsdale State PA						ry (JS	-	Citizenship US	-, 202	
ost Office ddress	М	lerek & Co., Inc., P.O. B	ox 2000)			· -					
ity	Rahway						State NJ 21P 07065-0907					
											i	

ijJ

Hard the state that the state that



ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addit	, lectoi	Joint Inventor, if any:	ı		A petition has been filed for this unsigned inventor Farmily Name or Surname							
Gi	ven N	ame (first and middle	[if any	1)		T			Family l	Name or Sur	name	
John A.						McC	auley					·
Inventor's Signature		Jh. 1.24	Can	3					Date	Febr	eary 12,	2002
Residence: City	Ma	ple Glen	Stat	te PA		Co	untry	US	 _	Citizenshi	p US	
Post Office Address	_	Merck & Co., Inc., P.	O. Box 2	2000								
City		Rahway				State	ИJ		ZIP	07065-09	907	· · · · · · · · · · · · · · · · · · ·
		oint Inventor, if any:					A petiti	on has	been filed	for this unsign	ed inventor	·
Giv	<u>en Na</u>	ame (first and middle	[if any])					Family N	ame or Surn	ame	
				 		<u> </u>						
Inventor's Signature									Date			
Residence: City	L		State	В		Cot	intry			Citizensbij	,	
Post Office Address		Merck & Co., Inc., P.C). Box 20	000						<u> </u>		······································
City		Rahway			s	tate	NJ		ZIP	07065-09	07	
Name of Additio	nal Jo	int Inventor, if any:		-		A	petitio	n has b	een filed f	or this unsigne	d inventor	
Give	en Na	me (first and middle [if any])						Family Na	me or Surna	me	
									•			
inventor's Signature									Date			
Residence: City			State			Cou	ntry	, - <u> </u>	!	Citizenship		
Post Office Address	ı	Merck & Co., Inc., P.O.	Box 20	60			— <u>1</u>					
City	1	Rahway			Sı	ate	נא		ZIP	07065-090	7	
ame of Addition	ıal Joi	nt Inventor, if any:			[A	petition	n has be	en filed fo	r this unsigned	l inventor	
Give	о Мап	ne (first and middle [in	fany])		\exists			F	amily Na	me or Surnar	ne	
nventor's ignature	÷								Date			
esidence: ity State						Coun	trv		1	Citizenship		
ost Office ddress	st Office					1						
ty Rahway					State NJ ZIP 07065-0907							
=										10,003-0307		1

mand of a band them task than the

Note: Ill the Bear South

The state of the s





				ON AND	Attorney Docket Number	20832Y
		_		TORNEY R DESIGN	First Named Inventor	Christopher F. Claiborne, et al.
	PATEN	ΓΑΙ	PLI	CATION	C	OMPLETE IF KNOWN
	(37	(37 CFR 1.63)		(3).	Application Number	
<u> </u>	Declaration			Declaration Submitted after Initial	Filing Date	
	with Initial Filing		Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit		
				required)	Examiner Name	

eclare that:			·												
izenship are as s	tated below next to my name		·												
nventor (if only ect matter which	one name is listed below) or a is claimed and for which a p	an original, first and joint inve	ntor (if n entitled:												
CYCLIC NMDA	/NR2B ANTAGONISTS														
	Title of the Invention)														
,															
		•													
	as United States Applicat	tion Number or PCT Internation	nal												
and was ame	ended on (MM/DD/YYYY)	(if ap	plicable).												
derstand the con	tents of the above identified s	specification, including the cla	ims, as												
Patent and Trade	mark Office all information l	cnown to me to be material to j	patentability												
onal application ified below, by o	which designated at least one checking the box, any foreign	country other than the United application for patent or inver	States of attor's												
untev	Foreign Filing Date	Attorney Dedict Number	Priority Claimed?												
	(WLWDD/1111)	Attorney Docket Number	Prior Foreign Application Number(s) Foreign Filing Date (MM/DD/YYYY) Attorney Docket Number YES NO												
•															
e listed on a supple	emental priority data sheet PTO/S	B/02B attached hereto:													
	emental priority data sheet PTO/S	·													
	ates provisional application(s) list Filing Date	ed below.													
e) of any United St	ates provisional application(s) list Filing Date (MM/DD/YYYY)	Attorney Docket N													
	ates provisional application(s) list Filing Date (MM/DD/YYYY)	ed below.													
e) of any United St	ates provisional application(s) list Filing Date (MM/DD/YYYY)	Attorney Docket N													
e) of any United St	ates provisional application(s) list Filing Date (MM/DD/YYYY)	Attorney Docket N													
	and was ame derstand the coneferred to above Patent and Trade der 35 U.S.C. 1 onal application inied below, by collication having	izenship are as stated below next to my name. Inventor (if only one name is listed below) or a lect matter which is claimed and for which a possible of the matter which is claimed and for which a possible of the Invention) (Title of the Invention) as United States Applicated and was amended on (MM/DD/YYYY) derstand the contents of the above identified seferred to above. Patent and Trademark Office all information is considered at least one of the invention of the possible of the possi	izenship are as stated below next to my name. Inventor (if only one name is listed below) or an original, first and joint invenent matter which is claimed and for which a patent is sought on the invention CYCLIC NMDA/NR2B ANTAGONISTS (Title of the Invention) as United States Application Number or PCT Internation and was amended on (MM/DD/YYYY) (if application the contents of the above identified specification, including the classeferred to above. Patent and Trademark Office all information known to me to be material to prove the contents of the above identified specification which designated at least one country other than the United infied below, by checking the box, any foreign application for patent or inverplication having a filing date before that of the application on which priority Foreign Filing Date												

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating is not discluded 35 U.S.C.	g the Un losed in 112, I ac 56 whice	the prior Uni cknowledge t ch became av	of America, nited States the duty to	a, listed or PCT disclose	below and, i Γ internationa se informatio	insofa al app on kno	far as the oplication to a	e sub n in t me to	bject matte the manne to be mater	er of each er provide crial to pate	of the ed by the tentabil	claims of the first place of the first place of the control of the	of this applic	cation
		rent Application Application N		rent					ing Date				Patent Number	r
			· ·				****	/DL.	1111,	_			аррисиые)	
									•		,			
								-					· · · · · · · · · · · · · · · · · · ·	
													ttached hereto.	
following reg	egistered p	practitioner(s)	oint, respecti to prosecute	vely and e this ap	l individually, plication and	, as m to tra	ny attorne	ys or busir	r agents with	th full pow Patent and	er of su Traden	ıbstitutio nark Off	on and revocati	ion, the
connected th	erewith:	X	Customer 1	Number	· · · · · · · · · · · · · · · · · · ·			<u>. </u>			Place	e Custon	mer Number abel here	
	Nai	me	<u> </u>		Registration Number					ame			Regist	tration nber
Shu Muk Lee				41,147			David I	L. R	.ose				26,332	luer
								_						
·														
			,											
Direct all co	эгrespon	dence to: X	Custom	er Num	ober or Bar C	ode	Label		# 0002	210.				
Name	Shu M	luk Lee		-								·		
Address	Merck	& Co., Inc	- Patent De	partme	nt	<u>. </u>								
Address	P.O. B	30x 2000, R	Y60-30			· 								
City	Rahwa	ıy	· ·			s	State	NJ		ZIP		07065-	0907	
Country	USA		· .		Геlephone	<u> </u>				Fax			94-1540	
belief are be the like so n	elieved t made are	to be true; and	nd further th by fine or i	hat these imprisor	se statements onment, or bo	s were oth, u	re made v under 18	with 8 U.S	the know	vledge that	t willfu	ul false s	information a statements an ilse statement	nd
Name of Sole of					· ·	_[A p	etitic	on has bee	n filed for	r this u	ınsigned	linventor	
		ame (first ar	nd middle	[if any	<u>/]) </u>	\Box		_	F	amily Na	ame or	r Surna	me	
Christopher F. Inventor's		##	<u>/</u>			<u> </u>	Claibon	ne	·				·	
Signature		/m	mu	n						Date	Fi	<u> </u>	13-02	<u>' </u>
Residence: 4	Carr	nbridge		Sta	ate MA	-	Coun	ıtry	us	:	Citiz	enship	us	
Post Office Address		Merck & Co	o., Inc., P.	O. Box	2000					•			1	
City		Rahway					State	, T	NJ	ZIP		0706	5-0907	
Additional	linventor	rs are being na	med on the	s	supplemental A	Addit	ional Inv	entor	s(s) sheet(s	i) PTO/SB/	02A att	ached he	ereto.	



DECLARATION AND POWER OF ATTORNEY

Name of Additio	nal .	Joint Inventor, if any:				A	petiti	on has l	een filed	for	this unsigne	d inventor
Give	en N	ame (first and middle [i	f any])		T				Family 1	Van	ne or Surna	me
John W.					1	Butche	er					
Inventor's Signature									Date			
Residence: City	Tel	lford	State	PA		Соц	ntry	us ·		(Citizenship	us
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00								
City		Rahway		·	St	ate	NJ		ZIP		07065-090	7
Name of Addition	nal J	oint Inventor, if any:			. [_ A	petiti	on has b	een filed	for	this unsigned	d inventor
Give	n N	ame (first and middle [it	fany])			٠ ,,]	Family 1	Van	ne or Surnar	ne
David A.	,					Claren	on		·			
Inventor's Signature			· -						Date			
Residence: City	Ma	ple Glen	State	PA		Country US				C	Citizenship	us
Post Office Address		Merck & Co., Inc., P.O.	. Box 2000									
City		Rahway	S			State NJ			ZIP		07065-090	7
		oint Inventor, if any:				A petition has been filed for this unsigned inve					inventor	
	n Na	ame (first and middle [if	any])					I	Family N	lam	e or Surnan	ne
Brian E.	, 				L	ibby						
Inventor's Signature								Date			٠.	•
Residence: City	Not	plesville	State	IN		Cour	ntry	US		C	itizenship	US
Post Office Address		Merck & Co., Inc., P.O.	Box 200	0								
City		Rahway			Sta	te	NJ		ZIP		07065-0907	7
		oint Inventor, if any:] A	petitio	on has be	een filed	for 1	his unsigned	inventor
	n Na	me (first and middle [if	any])		4			F	amily N	am	e or Surnan	ne
Nigel J.					L	iverto	n					
nventor's Signature					•		Date		;			
Residence: City	State	PA		Cour	itry	ÚS		С	itizenship	UK		
Post Office Address	·	Merck & Co., Inc., P.O. I	3ox 200	0								
City		Rahway			Sta	te	NJ		ZIP		07065-0907	



						_						
Name of Additio	nal J	oint Inventor, if any:	[if any]) A petition has been filed for this unsigned inventor Family Name or Surname						d inventor			
Give	en N	ame (first and middle [i	f any])						Fami	ly Na	me or Surna	me
Peter M.					1	Munso	n					
Inventor's Signature									Da	ate		
Residence: City	Hai	rleysville	State	PA		Cou	ntry	us	<u>L</u>		Citizenship	us
Post Office Address		Merck & Co., Inc., P.O.	Box 20	00								
City		Rahway			Sta	ate	NJ		ZIP	, .	07065-090	7 .
		oint Inventor, if any:				_ A	petiti	on has t	een fi	led fo	or this unsigned	l inventor
Give	n Na	ame (first and middle [if	fany])						Famil	ly Na	me or Surnar	ne
Kevin T.				•	N	Nguyer)					
Inventor's Signature		·	,						Da	ite		
Residence: City	Phil	adelphia	State	РА	į	Country US					Citizenship	US
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00								
City		Rahway			Sta	ite	NJ	ZIP			07065-090	7
		oint Inventor, if any:				A petition has been filed for this unsigned inventor						inventor
	n Na	me (first and middle [if	any])		\perp	Family Name or Surname						ne
3rian		·			P	hillips				•		
Inventor's Signature			-					·.	Da	Date		
Residence: City	Telf	ord	State	PA		Cour	itry	US		-	Citizenship	US
Post Office Address		Merck & Co., Inc., P.O. 1	Box 200	0								
City		Rahway			Sta	te	NJ		ZIP		07065-0907	1
		int Inventor, if any:] A [etitio			·	r this unsigned	
	n Na	me (first and middle [if	any])		_			F	amily	y Nar	ne or Surnan	ne
Vayne					T	homps	on					
nventor's Signature							Dat	te	•			
Residence: City	State	PA		Coun	try	us		1	Citizenship	US		
Post Office Address		Merck & Co., Inc., P.O. I	3ox 200	0								
City		State NJ ZIP 07065-0907				,						



ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition	nal J	oint Inventor, if any:				A	petiti	on has b	een filed	for this unsigne	d inventor	
Give	n N	ame (first and middle [i	f any])						Family N	ame or Surna	me	
John A.					1	ИсCa	uley		· · · · · · · · · · · · · · · · · · ·			
Inventor's Signature				-					Date			
Residence: City	Ma	ple Glen	State	PA .		Cou	ntry	US		Citizenship	us	
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00 .								
City		Rahway			Sta	ate	NJ		ZIP	07065-090	7 ,	
		oint Inventor, if any:		·] A	petitio	on has b	een filed f	or this unsigned	d inventor	
Give	n Na	me (first and middle [if	any])		_ _]	Family N	ame or Surnai	me	
· · · · · · · · · · · · · · · · · · ·												
Inventor's Signature								-	Date		-	
Residence: City			State			Country				Citizenship		
Post Office Address		Merck & Co., Inc., P.O.	Box 2000				,					
City		Rahway		·	Sta	State NJ			ZIP	07065-090	7	
		int Inventor, if any:] A	petitio	n has b	een filed f	or this unsigned	linventor	
Giver	ı Na	me (first and middle [if	any])		\bot		•	F	amily Na	ame or Surnar	ne	
•												
nventor's Signature									Date			
Residence: City		·	State			Cou	ntry			Citizenship		
Post Office Address		Merck & Co., Inc., P.O. I	Box 2000	0		•						
City		Rahway			Sta	te	NJ		ZIP	07065-0907	7	
		int Inventor, if any:] A	petitio	n has be	en filed fo	or this unsigned	inventor	
Given	Nai	me (first and middle [if	any])	_	+			F	amily Na	ime or Surnan	ne	
nventor's lignature						 	Date	•				
Residence: City	State			Cour	itry			Citizenship				
ost Office ddress). Box 2000							· · · · · · · · · · · · · · · · · · ·				
lity	State				NJ		ZIP	P 07065-0907				

The state of the s

	DECLARATION A		Attorney Docket Number	0832Y						
	POWER OF ATTOR FOR UTILITY OR DE		First Named Inventor	Christopher F. Claiborne, et al.						
	PATENT APPLICAT	TION	COMPLETE IF KNOWN							
	(37 CFR 1.63)		Application Number							
X	, , – – – –	nration nitted after Initial	Filing Date							
	with Initial OR Filing (37 C	Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit							
	requir	red)	Examiner Name							

As a below named invento	or, I hereby declare	e that:									
My residence, post office a	ddress, and citizens	hip are as st	tated below next to my name	; :	•						
I believe I am the original, plural names are listed belo	first and sole invent ow) of the subject m	tor (if only o	one name is listed below) or is claimed and for which a p	an original, first and joint invention	entor (if on entitled:						
N-SUBSTITUTED NONAR											
					·						
(Title of the Invention)											
the specification of which											
is attached hereto OR			· ·		-						
was filed on (MM/DD/	/YYYY)		as United States Applica	tion Number or PCT Internation	nal						
Application Number	a	ınd was ame	ended on (MM/DD/YYYY)	(if ap	plicable).						
I hereby state that I have re- amended by any amendmen	viewed and understant of specifically referre	and the cont ed to above.	ents of the above identified	specification, including the cla	ims, as						
I acknowledge the duty to d as defined in 37 CFR 1.56.	isclose to the Paten	t and Trade	mark Office all information l	known to me to be material to	patentability						
certificate, or 365(a) of any	ity benefits under 3: PCT international 2	5 U.S.C. 11	9(a)-(d) or 365(b) of any for	eign application(s) for patent o	or inventor's						
America, listed below and he certificate, or of any PCT in	nave also identified l	below, by cl	hecking the box, any foreign	e country other than the United application for patent or inver e application on which priority	States of ntor's						
America, listed below and he certificate, or of any PCT in Prior Foreign Application Number(s)	nave also identified l	below, by cl ion having a	hecking the box, any foreign	application for patent or inver	States of ntor's						
Prior Foreign Application	nave also identified la ternational application	below, by cl ion having a	hecking the box, any foreign a filing date before that of th Foreign Filing Date	application for patent or inver e application on which priority	States of ntor's v is claimed. Priority Claimed?						
Prior Foreign Application	nave also identified la ternational application	below, by cl ion having a	hecking the box, any foreign a filing date before that of th Foreign Filing Date	application for patent or inver e application on which priority	States of ntor's v is claimed. Priority Claimed?						
Prior Foreign Application	nave also identified la ternational application	below, by cl ion having a	hecking the box, any foreign a filing date before that of th Foreign Filing Date	application for patent or inver e application on which priority	States of ntor's v is claimed. Priority Claimed?						
Prior Foreign Application	nave also identified la ternational application	below, by cl ion having a	hecking the box, any foreign a filing date before that of th Foreign Filing Date	application for patent or inver e application on which priority	States of ntor's v is claimed. Priority Claimed?						
certificate, or of any PCT in Prior Foreign Application Number(s)	nave also identified laternational applicate Country	below, by clion having a	hecking the box, any foreign a filing date before that of th Foreign Filing Date	application for patent or inver e application on which priority Attorney Docket Number	States of ntor's v is claimed. Priority Claimed?						
certificate, or of any PCT in Prior Foreign Application Number(s) Additional foreign applica	cuon numbers are lister	below, by clion having a	hecking the box, any foreign a filing date before that of the Foreign Filing Date (MM/DD/YYYY)	application for patent or inver e application on which priority Attorney Docket Number BB/02B attached hereto: 4	States of ntor's v is claimed. Priority Claimed?						
certificate, or of any PCT in Prior Foreign Application Number(s) Additional foreign applica	country tion numbers are lister 35 U.S.C. 119(e) of ar	d on a supple	hecking the box, any foreign a filing date before that of th Foreign Filing Date (MM/DD/YYYY) mental priority data sheet PTO/S	application for patent or invere application on which priority Attorney Docket Number 6B/02B attached hereto: 4, seed below.	States of actor's vis claimed. Priority Claimed? YES NO						
Certificate, or of any PCT in Prior Foreign Application Number(s) Additional foreign applica I hereby claim the benefit under	country tion numbers are lister 35 U.S.C. 119(e) of ar	d on a supple	mental priority data sheet PTO/S tes provisional application(s) list Filing Date (MM/DD/YYYY)	application for patent or invere application on which priority Attorney Docket Number BB/02B attached hereto: 4, seed below. Attorney Docket N	States of attor's vis claimed. Priority Claimed? YES NO						
Certificate, or of any PCT in Prior Foreign Application Number(s) Additional foreign applica I hereby claim the benefit under	country tion numbers are lister 35 U.S.C. 119(e) of ar	d on a supple	mental priority data sheet PTO/S tes provisional application(s) list Filing Date (MM/DD/YYYY)	application for patent or invere application on which priority Attorney Docket Number 6B/02B attached hereto: 4, seed below.	States of attor's vis claimed. Priority Claimed? YES NO						
Certificate, or of any PCT in Prior Foreign Application Number(s) Additional foreign applica I hereby claim the benefit under	country tion numbers are lister 35 U.S.C. 119(e) of ar	d on a supple	mental priority data sheet PTO/S tes provisional application(s) list Filing Date (MM/DD/YYYY)	application for patent or invere application on which priority Attorney Docket Number BB/02B attached hereto: 4, seed below. Attorney Docket N	States of attor's vis claimed. Priority Claimed? YES NO						
Certificate, or of any PCT in Prior Foreign Application Number(s) Additional foreign applica I hereby claim the benefit under	country tion numbers are lister 35 U.S.C. 119(e) of ar	d on a supple	mental priority data sheet PTO/S tes provisional application(s) list Filing Date (MM/DD/YYYY)	application for patent or invere application on which priority Attorney Docket Number BB/02B attached hereto: 4, seed below. Attorney Docket N	States of actor's vis claimed. Priority Claimed? YES NO						

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating is not disclo	g the Unlosed in the 112, I acousticates of the 112, I acousticates of the 112 of the 11		of America, nited States of the duty to available bety	i, listed or PC disclo tween	ed belo ET into lose in:	ow and, ins ternational a nformation l	sofar appl knov	ar as the plication own to n	e subj n in tl me to	oject matte the manne o be mater	er of each er provide erial to pat	n of the led by the stentabi	e claims of the first poility as d	of this appl paragraph o defined in	olication of
		rent Application Application N		rent			•			ng Date YYYY)				t Patent Numb	ber
							_		<u>*</u>					ирр	
							-								
															
					•									•	
		or PCT intern													
As a named in	inventor, gistered p	, I hereby appo practitioner(s)	oint, respectiv	ively an	nd ind	lividually, as	s mv	v attorney	evs or	r agents wit	ith full now	wer of si	substitutio	on and revoca	
			Customer N OR Registered		L	(s) name/reg	oistra	ration nu	·mber	- listed bel	- low		ce Custon r Code La	mer Number abel here	
<u> </u>	Nan		110000		Regist	stration mber	,isc.	inon	moc.		low L				istration umber
Shu Muk Lee				41,147		- i	I	David L	L. Rc	ose				26,332	1mber
							\top								
							+							•	
		·					+								
Direct all cor	rrespond	dence to: 2	X Custome	er Nu	mber	or Bar Cod	de L	abel	To the second	10002	210表				
Name	Shu M	luk Lee					_								
Address	Merck	& Co., Inc.	- Patent De	partm	ient		_		_						
Address	P.O. B	ox 2000, R	Υ60-30						_		,				
City	Rahwa	.y ·	· -				Sta	ate	NJ		ZIP		07065-0	0907	
Country	USA)594-261			Fax			94-1540	
I hereby decl belief are bel the like so m may jeopardi	elieved to nade are	to be true; an punishable	nd further the by fine or in	hat the imprise	ese sta sonme	atements we ent, or both	vere r h, und	made w	with t	the knowl	vledge that	ıt willfi	ful false s	statements a	and
Name of Sole or								A pe	etition		en filed for				
	ven Na	ame (first ar	nd middle	[if an	<u>ıy])</u>		+			F	amily Na	ame o	r Surna	me	
hristopher F.						· ·	C	Claiborn	1e	· · · · · ·	· · ·				·
Signature							-			!	Date	_			
Residence: City	Cam	ibridge		St	tate	МА		Count	itry	us	•	Citiz	zenship	us	
Post Office Address		Merck & C	Co., Inc., P.C	O. Bo	x 200	10		•							
City		Rahway						State	1	NJ	ZIP		0706:	5-0907	
Additional	inventor	s are being na	amed on the		suppl	lemental Add	ditior	nal Inve	ntors/	(s) sheet(s') PTO/SB/	/02A at	tached he	reto.	

Annu anni 10 Wines Hans State Sant State

The state that their state that the



DECLARATION AND POWER OF ATTORNEY

Name of Addition	nal J	oint Inventor, if any:		A petition has been filed for this unsigned inventor									
Give	n N	ame (first and middle [if	f any])		\perp				Family N	lame or Surnar	me		
John W.			· · ·	Butcher									
Inventor's Signature													
Residence: City	Tel	ford	State	PA		Country US			·	Citizenship	us		
Post Office Address		Merck & Co., Inc., P.O. I	Box 200	ю		· .				``			
City		Rahway			Sta	ate	NJ		ZIP	07065-090	7		
		oint Inventor, if any:				A	petitie			for this unsigned			
Give	n Na	ame (first and middle [if	any])		_	-		<u>F</u>	amily N	ame or Surnar	me		
David A.					C	Clarem	on						
Inventor's Signature									Date				
Residence: City	Maj	ple Glen	State	PA		Cou	ntry	us		Citizenship	US		
Post Office Address		Merck & Co., Inc., P.O. I	Box 200	0			· ·						
City		Rahway		·	Sta	ıte	NJ		ZIP	07065-0907	7		
		oint Inventor, if any:		A petition has been filed for this unsigned inventor									
	n Na	ame (first and middle [if	any])		4			F	amily N	ame or Surnan	ne		
Brian E.			04	Libby									
Inventor's Signature		Buai E. F	He	<i></i>				:	Date	15 til	2002		
Residence: City	Nob	plesville	State		Cour	atry	us		Citizenship	US .			
Post Office Address		Merck & Co., Inc., P.O. E	Box 200	0		-							
City		Rahway			Sta	State NJ			ZIP	07065-0907			
		oint Inventor, if any:				A	petitic		<u>.</u>	led for this unsigned inventor			
	ı Na	ame (first and middle [if	any])		4			F	amily Na	ame or Surnan	ne		
Nigel J.					L	_ivertor	n						
Inventor's Signature							_		Date	,			
City	Hart	teysville	State	PA		Coun	ıtry	us		Citizenship	UK		
Post Office Address		Merck & Co., Inc., P.O. E	3ox 200	0	- -								
City		Rahway		_	Sta	State NJ 2		ZIP	07065-0907	7			



ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition	nal J	oint Inventor, if any:			A petition has been filed for this unsigned inventor							linventor	
Give	n N	ame (first and middle [if	any])	****		Family Name or Surname							
Peter M.					1	Munson							
Inventor's Signature								Date					
Residence: Harleysville			State PA			Country US				C	Citizenship	us	
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00	_								
City		Rahway		· · · · · · · · · · · · · · · · · · ·	Sta	ate	NJ		ZIP ·		07065-090	7	
Name of Addition	nal J	oint Inventor, if any:				_ A	petiti	on has b	een filed	for	this unsigned	inventor	
Give	n Na	ame (first and middle [if	any])					I	amily l	Van	ne or Surnan	ne	
Kevin T.					1	Nguye	n		· .				
Inventor's Signature									Date				
Residence: City	Phil	adelphia	State	PA		Cou	ntry	US		C	Citizenship	us	
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00									
City		Rahway			Sta	ate NJ			ZIP		07065-0907		
		oint Inventor, if any:	<u></u>	A petition has been filed for this unsigned inventor									
	n Na	me (first and middle [if	any])	any]) Family Name or Surname									
Brian					F	hillip	S		·				
Inventor's Signature						٠		Date					
Residence: City	Telf	ord	State PA			Country US				C	Citizenship	US	
Post Office Address		Merck & Co., Inc., P.O.	Box 200	x 2000									
City		Rahway			Sta	te	NJ		ZIP		07065-0907		
		oint Inventor, if any:				A petition has been filed for this unsigned inventor							
	n Na	me (first and middle [if	any])		-			F	amily 1	Jam	ne or Surnam	ne	
Wayne		·			ר	homp	son						
Inventor's Signature									Date		, ,		
Residence: City	Land	dsdale	State	PA		Country US				C	Citizenship	US	
Post Office Address		Merck & Co., Inc., P.O. I	Box 200	0		,							
City		Rahway	·		Sta	tate NJ			ZIP		07065-0907		
										_			

deren and the blank than that the the

Here there were the true that the true that

tions give a new tree of the fact that the first first first

Short carries arrays arrays arrays and the control of the control

DECLARATION AND POWER OF ATTORNEY

	_														
Name of Addition	al Jo	pint Inventor, if any:	A petition has been filed for this unsigned inventor												
Give	n Na	me (first and middle [if	fany])			Family Name or Surname									
John A.				McCauley											
Inventor's Signature									Date						
Residence: City	i Manie Gien			РА		Country US				Citizenship	US				
Post Office Address	Box 2000														
City	į	Rahway			Sta	ate	NJ		ZIP	ZIP 07065-0907					
Name of Addition	al Jo	oint Inventor, if any:		· .		A	petitio	on has be	een filed f	or this unsigned	l inventor				
Giver	n Na	me (first and middle [if	any])		_ _			F	amily N	ame or Surnar	ne				
Inventor's Signature									Date						
Residence: City			State			Cou	ntry			Citizenship					
Post Office Address	·	Merck & Co., Inc., P.O.	Box 200	0											
City		Rahway		· .	Sta	state NJ			ZIP	07065-090	7				
Name of Addition	al Jo	int Inventor, if any:	A petition has been filed for this unsigned inventor												
Giver	1 Na	me (first and middle [if	any])				•	F	Family Name or Surname						
					_L										
Inventor's Signature									Date						
Residence: City			State	!		Country				Citizenship					
Post Office Address		Merck & Co., Inc., P.O.	Box 200	0	,										
City		Rahway			Sta	State NJ			ZIP	07065-0907					
		int Inventor, if any:				A	petitic		•	or this unsigned					
Given	Na:	me (first and middle [if	any])		-			F	amily Na	ame or Surnan	ne				
		· · · · · · · · · · · · · · · · · · ·						*			·				
Inventor's Signature									Date						
Residence: City	•		State			Cour	ntry			Citizenship					
Post Office Address		Merck & Co., Inc., P.O. I	Box 200	0											
City		Rahway			Sta	State NJ			ZIP	ZIP 07065-0907					

RECEIVE

PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

The undersigned applicant(s):

(Names should be indicated as they appear in the request)

LIVERTON, Nigel, J.; MUNSON, Peter, M.; NGUYEN, Kevin, T.; PHILLIPS, Brian

hereby appoints (appoint) the following person as: X common representative

Name and address:

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

MERCK & CO., INC.

126 East Lincoln Avenue

Rahway, NJ 07065-0907

United States of America

to represent the undersigned before all the competent International Authorities in connection with the international application identified below:

Title of the invention:

N-SUBSTITUTED NONARYL-HETEROCYCLIC NMDA/NR2B

ANTAGONIST

Applicant's or agent's file reference: PCT 20832Y

International application number (if already available):

filed with the following Office <u>United States Receiving Office</u> as receiving Office and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s):

(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

Date: 12 Feb 2002

Nigel J. Liverton

Date: 12 Feb. 02

Peter M. Munso

Date: 12 Feb. 2002

The interest of

Date: 12 Feb 2002

Kevin T. Nguyen

Brian Phillips

Form PCT/Model of power of attorney (for a given international application) (July 1992)

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty) (PCT Rule 90.4)

The undersigned applicant(s):

(Names should be indicated as they appear in the request)

WAYNE, Thompson; BUTCHER, John, W.; CLAREMON, David, A.; MCCAULEY, John, A.

hereby appoints (appoint) the following person as: X common representative

Name and address:

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code

MERCK & CO., INC.

126 East Lincoln Avenue

Rahway, NJ 07065-0907

United States of America

to represent the undersigned before all the competent International Authorities in connection with the international application identified below:

Title of the invention:

N-SUBSTITUTED NONARYL-HETEROCYCLIC NMDA/NR2B

ANTAGONIST

Applicant's or agent's file reference: PCT 20832Y

International application number (if already available):

filed with the following Office United States Receiving Office as receiving Office and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s):

(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this

Claremon

A. McCauley

Form PCT/Model of power of attorney (for a given international application) (July 1992)